

FIG. 1

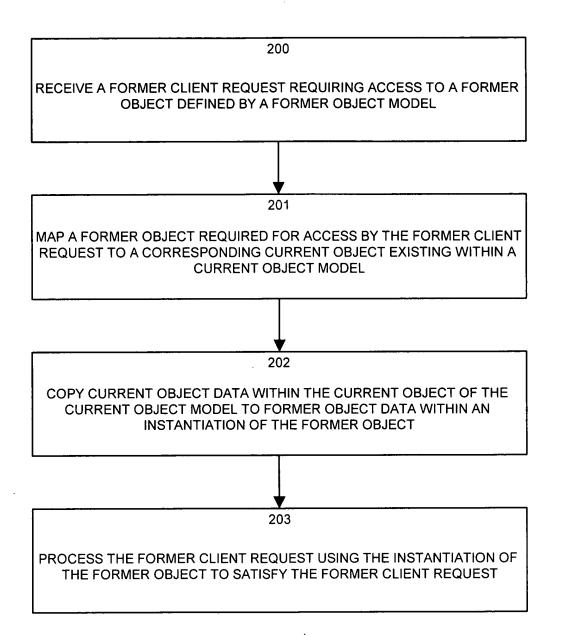
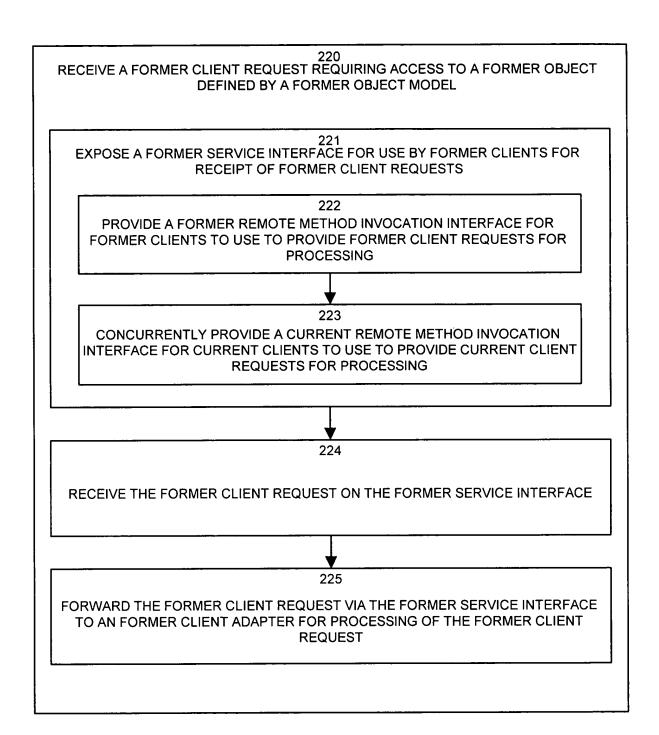


FIG. 2



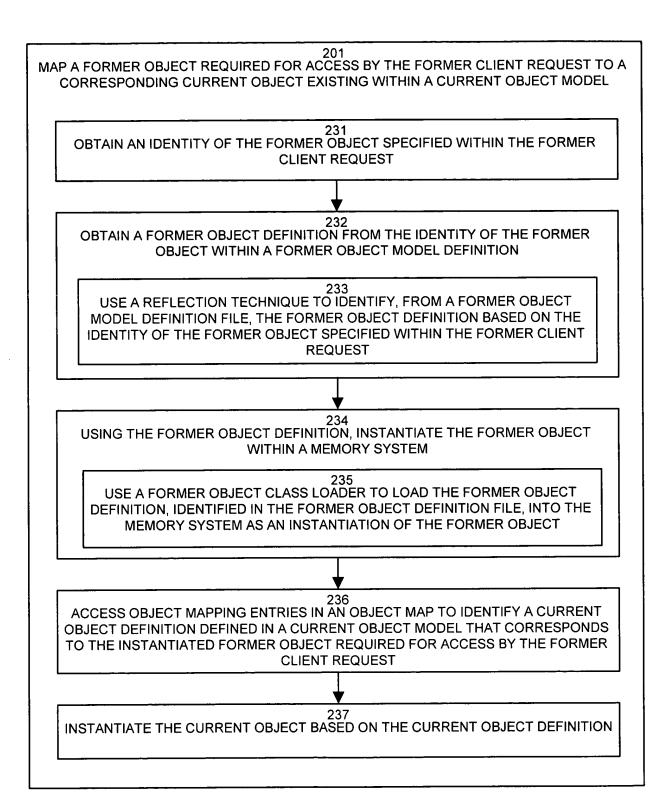


FIG. 4

202

COPY CURRENT OBJECT DATA WITHIN THE CURRENT OBJECT OF THE CURRENT OBJECT MODEL TO FORMER OBJECT DATA WITHIN AN INSTANTIATION OF THE FORMER OBJECT

241

COPY CURRENT OBJECT DATA VALUES STORED WITHIN CURRENT DATA FIELDS OF AN INSTANTIATION OF THE CURRENT OBJECT TO FORMER DATA VALUES WITHIN FORMER DATA FIELDS OF AN INSTANTIATION OF THE FORMER OBJECT

242

IDENTIFY, FOR EACH CURRENT FIELD IN THE CURRENT OBJECT THAT MAPS TO A CORRESPONDING FORMER FIELD IN THE FORMER OBJECT, IF A FIELD ADAPTER EXISTS FOR CONVERTING CURRENT FIELD DATA IN THE INSTANTIATION OF THE CURRENT OBJECT TO FORMER FIELD DATA FOR USE IN THE INSTANTIATION OF THE FORMER OBJECT

243

USE A REFLECTION TECHNIQUE TO IDENTIFY, WITHIN A SET OF ADAPTER CLASSES, IF A FIELD ADAPTER CLASS EXISTS THAT CORRESPONDS TO A PREDETERMINED NAME

244

OBTAIN THE PREDETERMINED NAME FOR USE IN THE REFLECT TECHNIQUE FROM AT LEAST ONE OF:

A NAME OF THE FORMER OBJECT:

A NAME OF A FIELD OF DATA WITHIN THE FORMER OBJECT;

A NAME OF THE CURRENT OBJECT;

A NAME OF A FIELD OF DATA WITHIN THE CURRENT OBJECT; AND A FIELD NAME IDENTIFIED IN OBJECT MAPPING ENTRIES IN AN OBJECT MAP USED FOR MAPPING THE CURRENT OBJECT TO THE FORMER OBJECT

245

IF AN OBJECT ADAPTER EXISTS, OPERATE THE ADAPTER TO CONVERT THE CURRENT FIELD DATA IN THE INSTANTIATION OF THE CURRENT OBJECT TO FORMER FIELD DATA FOR USE IN THE INSTANTIATION OF THE FORMER OBJECT

246

IF THE FIELD ADAPTER CLASS EXISTS, LOAD AND OPERATE A METHOD IN THE FIELD ADAPTER CLASS TO PERFORM THE CONVERSION OF THE CURRENT FIELD DATA IN THE INSTANTIATION OF THE CURRENT OBJECT TO FORMER FIELD DATA FOR USE IN THE INSTANTIATION OF THE FORMER OBJECT

247

IF NO OBJECT ADAPTER EXISTS, COPY THE CURRENT FIELD DATA IN THE INSTANTIATION OF THE CURRENT OBJECT FOR USE AS FORMER FIELD DATA FOR USE IN THE INSTANTIATION OF THE FORMER OBJECT

